



Panasonic PV-GS9 Logic Board Replacement

Remove the logic board from the camcorder.

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INTRODUCTION

Remove all necessary parts of the camcorder in order to gain access to remove and replace a bad logic board.



TOOLS:

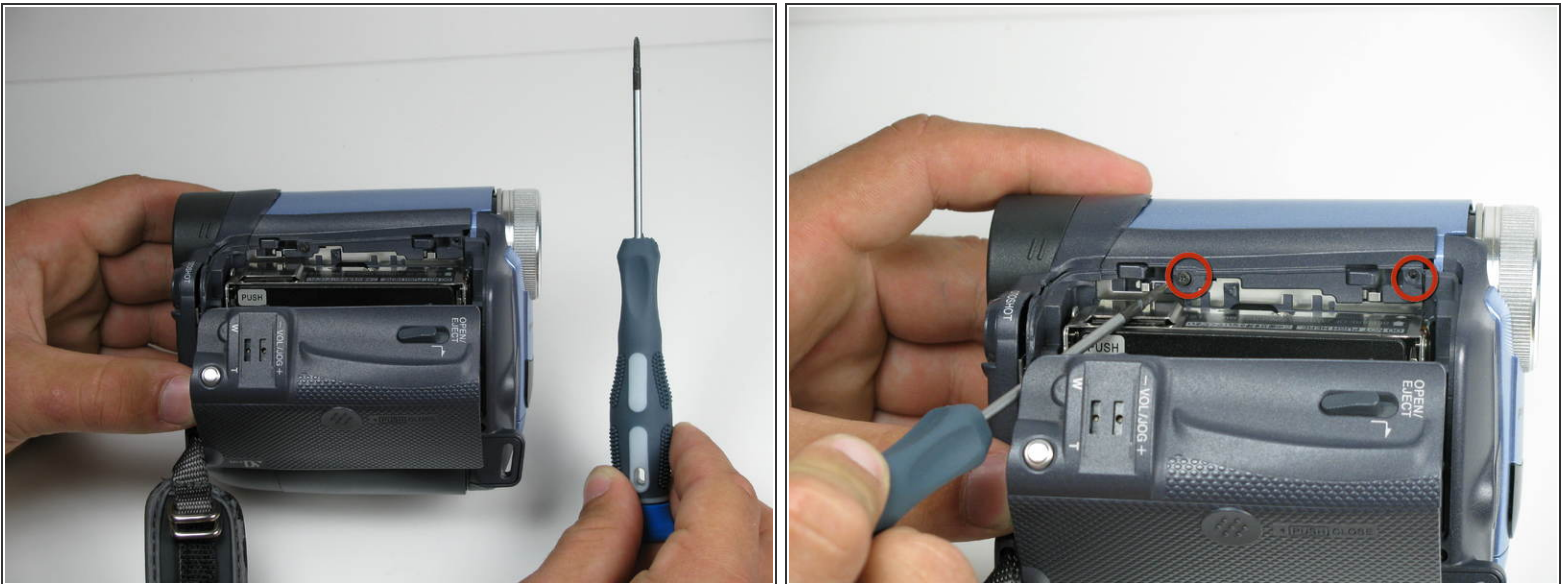
- [Phillips #00 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
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Step 1 — Outer Casing



- Using a plastic opening tool, remove the record/playback and record/power control knobs from the camcorder.

Step 2



- Open the tape compartment.
- Using a #00 Phillips head screwdriver, remove the two 4.5mm screws from the camcorder.

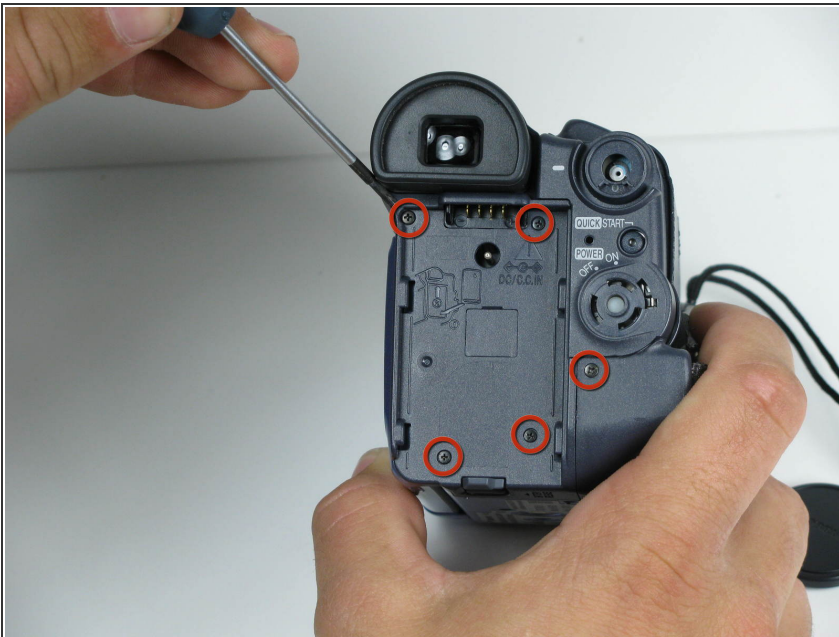
Step 3



- Use a plastic opening tool to remove the gray trim piece from top of the camcorder.

⚠ Take care when removing the trim piece. The plastic parts are fragile and can break easily.

Step 4



- Rotate the camcorder so that the eye piece is facing you, and remove the battery. Remove the four black 4.5mm screws, which sit behind the battery. Then, remove the 5th screw to the right of the battery dock.

⚠ Be careful not to lose any screws whilst trying to remove them.

Step 5



- Rotate the camcorder so that the tape compartment is facing you. Remove the single 4.5mm black screw, which is above the hook for the hand strap.
- It may help you during this step to undo the strap on one end.
- Next, rotate the camcorder so that the lens is facing you. Remove the single 4.5mm black screw from the front panel.

Step 6



- Rotate the camcorder so that the bottom is facing towards you. Remove the single remaining 4.5mm black screw from the bottom.
- Next, while still having the bottom of the camcorder facing you, remove the four silver 4.5mm screws from the body.

Step 7




- Open the LCD screen on the side of the camcorder.
- Using a #00 screwdriver, remove the two 4.5mm silver screws located on either side of the hinge of the LCD screen.

Step 8

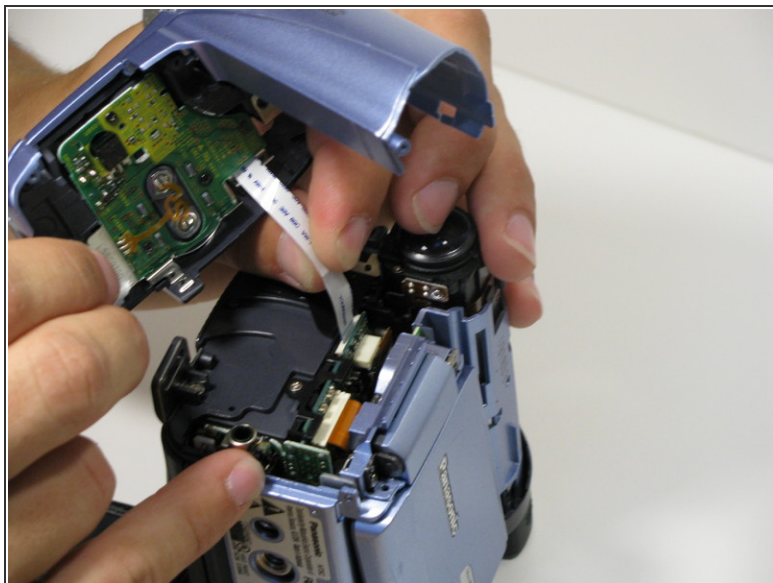
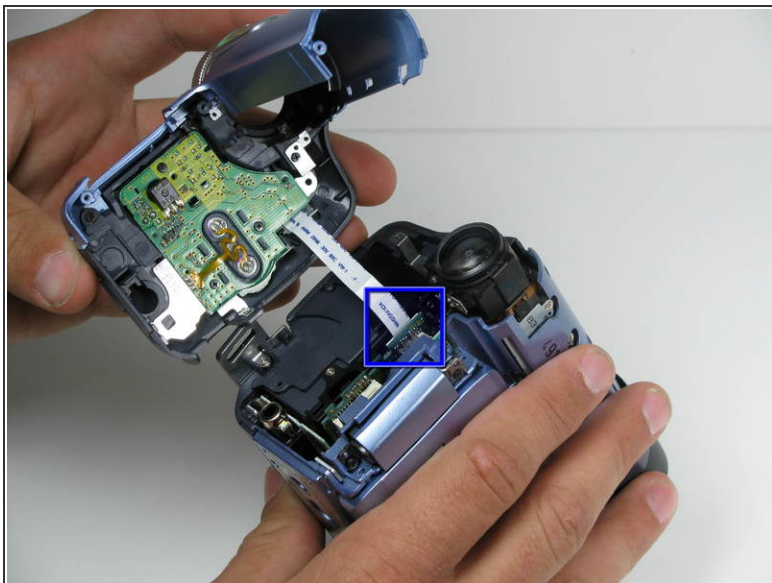


 Very carefully remove the front cover from the main body of the camcorder.

- This should come apart with relative ease, however a plastic opening tool may help you remove this panel a little more easily.

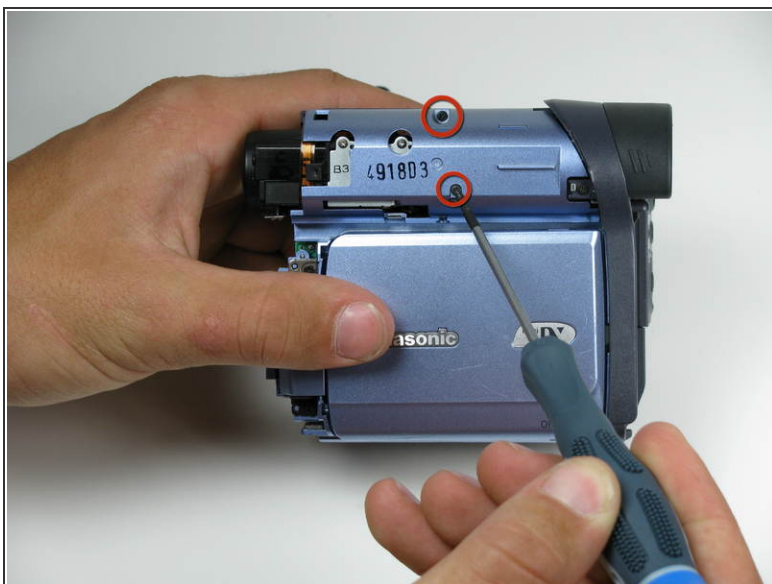
 There is a ribbon cable attached to the front panel and the camcorder body, so be careful not to pull that off when you remove this panel.

Step 9



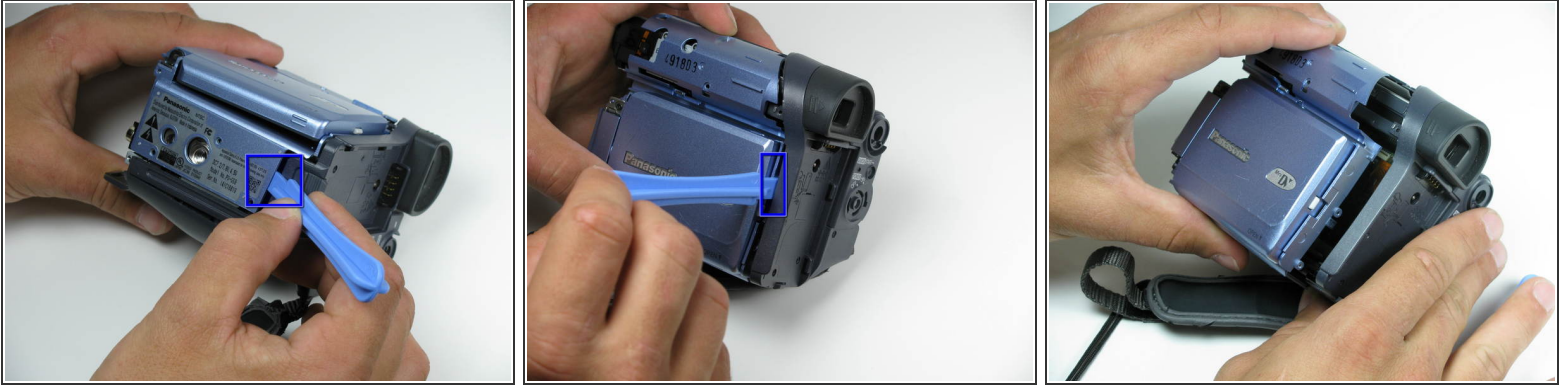
- Using your fingers, carefully pull the ribbon cable away from the logic board.

Step 10 — LCD Panel Removal



- Now, from where the front cover used to be, remove the two 4.5mm black screws from the LCD side of the camera.

Step 11



- Place a plastic opening tool under the bottom of the blue panel beneath the camcorder. Using two tools may be useful, if difficult.
- Move the plastic opening tool up the side of the camcorder as shown, carefully separating the LCD panel from the rest of the camcorder.
- With the blue LCD panel free from the rest of the camcorder, remove the panel from the camcorder.

Step 12



⚠ Before you fully remove the LCD panel from the camcorder, be sure to remove the ribbon cables that connect the LCD panel to the logic board.

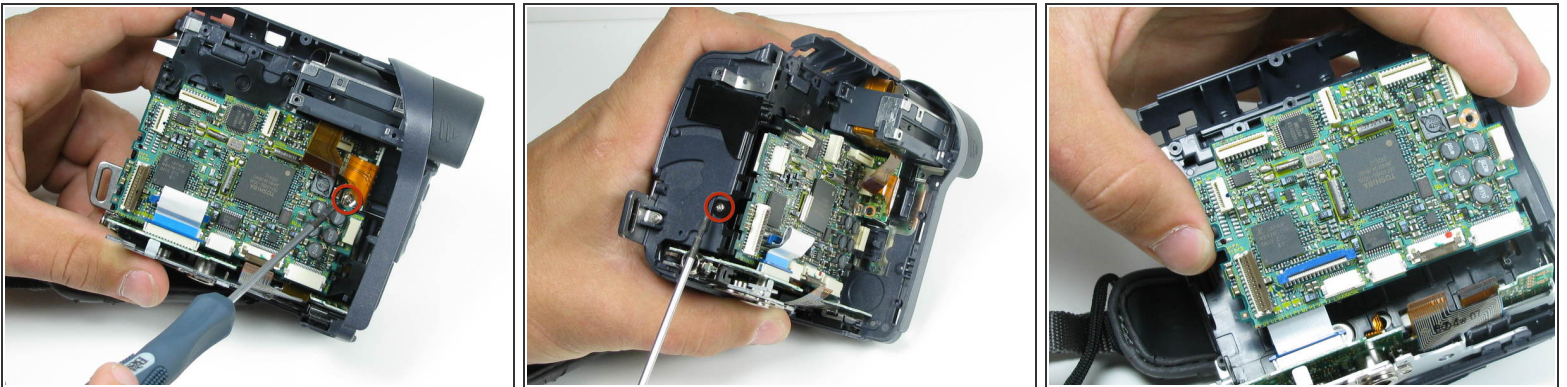
- There may be multiple ribbon cables attached to the same point on the logic board.

Step 13 — Logic Board



- Using the spudger, remove the few remaining ribbon cables from the logic board.

Step 14



- To remove the logic board from the body, use the #00 phillips head screwdriver and remove the 4mm silver screw from right side of the board.
- Next, rotate the camcorder so the front is facing you and remove the 4mm silver screw from the front panel.
- Carefully lift the logic board away from the camcorder.

To reassemble your device, follow these instructions in reverse order.

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